

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: General Electric Company)
Serial No.:) Attn: LICENSING AND REVIEW
Filed: December 12, 2003)
Title: ARTICLE PROTECTED BY A THERMAL BARRIER COATING
HAVING A CERIUM OXIDE-ENRICHED SURFACE PRODUCED BY
PRECURSOR INFILTRATION

DECLARATION UNDER SECTION 305(c) OF THE
NATIONAL AERONAUTICS AND SPACE ACT OF 1958

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

We, John Frederick ACKERMAN, Venkat Subramanian VENKATARAMANI,
Irene T. SPITSBERG, Brett Allen Rohrer BOUTWELL, and Ramgopal DAROLIA,
hereby declare:

That we are the inventors of the invention described and claimed in the above-
referenced U.S. Patent Application;

That the invention was made while we were employed by the General Electric
Company, the assignee of the subject invention, using only the resources of the
General Electric Company, including, for example, its funds, facilities, materials,
information, and services;

That the invention set forth in the above-referenced U.S. Patent Application was
not made (conceived or first actually reduced to practice) under, nor is there any known
relationship of the making of the invention to the performance of, any work under any
contract of the National Aeronautics and Space Administration;

That we signed this declaration on the date we signed the form papers
accompanying the filing of the above-referenced U.S. Patent Application with the
understanding that the attorney of record would later insert the appropriate serial

number and filing date hereinabove before submitting this Declaration to the U.S. Patent and Trademark Office;

That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therein.

12/5/03
(Date)

John Frederick Ackerman
John Frederick ACKERMAN

12/10/03
(Date)

Venkat Subramanian Venkataramani
Venkat Subramanian VENKATARAMANI

11/24/03
(Date)

Irene T. Spitsberg
Irene T. SPITSBERG

11/24/03
(Date)

Brett Allen Rohrer Boutwell
Brett Allen Rohrer BOUTWELL

11/24/2003
(Date)

Ramgopal Darolia
Ramgopal DAROLIA

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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	
Filing Date	December 12, 2003
First Named Inventor	ACKERMAN et al.
Title	ARTICLE PROTECTED BY A THERMAL BARRIER COATING HAVING A CERIUM OXIDE-ENRICHED SURFACE PRODUCED BY PRECURSOR INFILTRATION
Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	130013/11921 (21635-0116)

I hereby appoint:

☒ Practitioners at Customer Number:

31450

OR

☐ Practitioner(s) named below::

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR


<input type="checkbox"/>	Firm or Individual Name				
	Address				
	Address				
	City	State	Zip		
	Country				
	Telephone	Fax			

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	John Frederick Ackerman		
Signature			
Date	12/5/03	Telephone	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 5 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

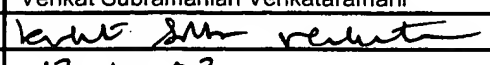
Fax

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Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name	Venkat Subramanian Venkataramani		
Signature			
Date	12-10-03	Telephone	518 387 5322

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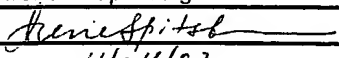
<input type="checkbox"/>	Firm or Individual Name				
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SIGNATURE of Applicant or Assignee of Record

Name	Irene T. Spitsberg		
Signature			
Date	11/24/03	Telephone	573 243-0168

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SIGNATURE of Applicant or Assignee of Record

Name	Brett Allen Rohrer Boutwell		
Signature	<i>Brett Allen Rohrer Boutwell</i>		
Date	11/24/03	Telephone	(513) 243-7489

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Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Ramgopal Darolia				
Signature	Ramgopal Darolia				
Date	11/24/2003	Telephone	(513) 243-4509		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention **ARTICLE PROTECTED BY A THERMAL BARRIER COATING HAVING A
CERIUUM OXIDE-ENRICHED SURFACE PRODUCED BY PRECURSOR INFILTRATION**

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☒ The attached application, or
- ☐ Application No. _____, filed on _____,
- ☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: John Frederick Ackerman

Signature: John Frederick Ackerman Citizen of: United States of America

Inventor two: Venkat Subramanian Venkataramani

Signature: Venkat Subramanian Venkataramani Citizen of: United States of America

Inventor three: Irene T. Spitsberg

Signature: Irene T. Spitsberg Citizen of: United States of America

Inventor four: Brett Allen Rohrer Boutwell

Signature: Brett Allen Rohrer Boutwell Citizen of: United States of America

☒ Additional inventors are being named on 1 additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

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This declaration is directed to:

- ☒ The attached application, or
☐ Application No. _____, filed on _____,
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

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FULL NAME OF INVENTOR(S)

Inventor one: Ramgopal Darolia

Signature: Ramgopal Darolia Citizen of: United States of America

Inventor two: _____

Signature: _____ Citizen of: _____

Inventor three: _____

Signature: _____ Citizen of: _____

Inventor four: _____

Signature: _____ Citizen of: _____

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